

# Revision History for //Vision/IMAQVisionBranches/IMAQVision\_51Dev/Analysis/Color/ColorM

View	Sync	Diff Revs	Diff vs ClientFile	Describe Changelist
Revision	Changelist	Date	User	Action
2	75530	09:16:38	slin@imagepro	edit
1	73585	11:16:52	SatishK@IMAQBranchManage	branch: b
23	69023	10:06:38	dineshn@VISIONNPC	edit; bran
22	68227	10:48:19	slin@imagepro	edit
21	67504	11:58:25	slin@imagepro	edit
20	67035	16:19:41	slin@imagepro	edit
19	66999	11:53:14	slin@imagepro	edit
18	66916	15:11:23	slin@imagepro	edit
17	66908	14:55:08	slin@imagepro	edit
16	66658	11:29:19	slin@imagepro	edit
15	66472	17:00:18	dineshn@VISIONNPC	edit
14	66398	15:07:34	slin@imagepro	edit
13	66393	14:56:29	slin@imagepro	edit
12	66266	09:33:25	dineshn@VISIONNPC	edit
11	66165	18:14:27	slin@imagepro	edit
10	65561	15:59:01	slin@imagepro	edit
9	65558	15:24:51	slin@imagepro	edit
8	65368	17:46:15	slin@imagepro	edit
7	65326	13:00:53	slin@imagepro	edit
6	65300	17:30:21	slin@imagepro	edit
5	65236	18:59:31	slin@imagepro	edit
4	65178	17:53:33	slin@imagepro	edit
3	65176	16:18:56	slin@imagepro	edit
2	65166	19:15:27	slin@imagepro	edit
1	65109	19:20:18	slin@imagepro	add

Actions

edit|

Change Description

use a little smaller black threshold for high sat color

File Type

text

Close



## Description

add control for don't-care color in color matching--- the matching will ignore the  
ranch ... New Development branch for IMAQVision 5.1  
ch int... CAR 1JM915BO - added conversion from HSL to RGB, HSI and HSV Moved rounding of HSL va..  
change the color match tolerance to min match score  
Assigned NULL to memory pointers. Check for empty feature input.  
use a little smaller black threshold for high sat color  
fix a minor memory leak  
clean up  
add safe guard for bad ROI input  
use lookup table for black color thresholding (save 15% computation time)  
Added 0.5 to all HSIToRGB conversions  
just for Jeff to debug the function ContourToMask.c  
use real ROI input  
Improved conversion routine resolution, fixed some bugs with color replace plane, and color l..  
apply fuzzy score function  
do some clean up  
update the color match algorithm  
double check mem allocation  
add huethreshold control  
fine tune the parameter for sat clustering  
Fine tune the parameters for black color and colors with different sat  
scale the color tolerance level  
This one is good !  
change im to const type  
the first framwork 3/18

Display Branching History ☒

Help